

**VIRGINIA NATIONAL GUARD**  
**TECHNICIAN EMPLOYMENT OPPORTUNITY ANNOUNCEMENT NUMBER: 05-164**

**POSITION TITLE/NUMBER:** Civil Engineer, (Indefinite) 05-164 (PD Number: 09571000)

**GRADE/PAY:** GS-0810-11      \$51,271.00 - \$64,843.00 per annum

**DUTY LOCATION:** 192<sup>nd</sup> FW, Sandston, VA

**OPENING DATE:** 4 October 2005

**CLOSING DATE:** 8 November 2005 (1700 hrs)

**EMPLOYMENT STATUS:** Excepted Service Male/Female Commissioned Officers)

**WHO CAN APPLY:**

**GROUP I** - Applications will be accepted from all qualified Commissioned Officers currently employed (permanent) in the Virginia Air National Guard Military Technician Program.

**GROUP II** - All qualified Virginia Army or Air National Guard Commissioned Officers, regardless of employment status (Traditional, Military Technician or AGR). To be considered as a Group II applicant, proof of appointment in the Virginia National Guard must be attached if the appointment occurred within 60 days prior to, or during, the advertisement period.

**GROUP III** - All personnel eligible for membership in the Virginia National Guard.

**MILITARY ASSIGNMENT:** This position is supervised by a MAJ/04. Grade inversion will not be authorized. Compatible AFSCS: 32EX

**POINT OF CONTACT:** MAJ Dave Kolmer, (804) 236-6441

**SELECTING OFFICIAL:** COL Peter A. Bonanni, 192<sup>nd</sup> FW Commander

**QUALIFICATION REQUIREMENTS:**

**Basic Requirements for the Civil Engineer position:** Candidates must meet one of the following:

- a. Completion of a 4-year professional engineering curriculum leading to a bachelor's or higher degree in engineering in an accredited college or university.
- b. Must have graduated from service academy with a major in engineering.
- c. Must have four years of college-level education, training and/or technical experience which provided a thorough knowledge of the physical and mathematical sciences of engineering, a good theoretical and practical understanding of engineering sciences and techniques, and their application to civil engineering. Must be currently registered as a professional engineer by any State, DC, Puerto Rico, or the Virgin Islands.

**SPECIALIZED:** Must have thirty-six (36) months of experience which equipped the applicant with the following specialized experience to successfully perform the duties of the position such as: experience in developing technical data and incorporating into formal specification; experience in designing plans for drainage structures, roads, bridges, airfields, etc.; work experience which shows ability to read and design plans/blueprints; experience in the preparation of bids to include: a. construction operation; b. capacities of construction engineering; c. material types; d. cost of overhead insurance, taxes, social security, etc.; experience in planning and estimating materials, methods, and equipment needed; experience in preparing technical and engineering drawings; experience in coordinating and negotiating with contractors and other personnel regarding engineering and administrative matters.

**KNOWLEDGE, SKILLS, AND ABILITIES (KSA'S) REQUIREMENTS:** Applicants should prepare statements addressing all KSAs listed below. Explain any civilian/military work experience that supports each KSA. **The KSA's are NOT used for basic qualification.** KSA's may be used as a factor in evaluating candidates at the election of the Selecting/Interviewing Official.

1. Knowledge of professional engineering and architectural concepts, principles and practices applicable to the full range of duties concerned with the planning, design, renovation, maintenance, and construction of such structures as office buildings, warehouses, educational facilities, aircraft hangers, shops, and dormitory facilities. Knowledge is also required in practices applicable to the full range of duties concerned with the planning, design, renovation, construction, and maintenance of utility systems and airfield facilities in support of the base such as electricity, water, natural gas, storm and sanitary sewers, airfield pavements, fire detection and suppression systems, intrusion detection systems, airfield lighting, and streets and parking facilities.
2. Knowledge and skills sufficient to design or inspect the construction of such buildings and utilities.
3. Knowledge in related fields of activity or disciplines (i.e., architectural, electrical, mechanical, civil, and structural engineering) to ensure that areas of overlapping responsibilities among technical disciplines receive proper design consideration and that total project objectives are met.

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4. Knowledge of modern management procedures and automated data systems as they relate to managing a complex, multidisciplinary operations and maintenance organization.
5. Knowledge of Federal Acquisition Regulations (FAR) as they pertain to selection of architectural/engineering and services fields.
6. Knowledge of FAA regulations, building codes, local codes, and zoning ordinances.

**SUBSTITUTION OF EDUCATION FOR SPECIALIZED EXPERIENCE:** Completion of all requirements for a doctoral degree (Ph.D or equivalent); or Three full academic years of graduate education. Applicants must submit transcripts, diplomas, or other forms of completion certificates to provide verification of related courses.

**DUTIES AND RESPONSIBILITIES - POSITION DESCRIPTION 09571000:** Manages the base comprehensive planning process which involves, through coordination with base and tenant units, the identification and development of short and long-range programs for maintenance, repair and construction of facilities; and systems for base military organization which includes administrative and special purpose buildings, utility systems, and airfield facilities/systems. Maintains, updates and submits base master plan on functional and architectural compatibility of proposed changes within the parameters identified by the base comprehensive (master) plan. Meets with base organizations to identify priorities from their proposed projects. Develops budgets, project books, projects forms, and other programming documents for base operations, maintenance, repair, and construction programs. Performs or oversees the performance of site surveys and investigations to determine feasibility of proposed projects, topography, and essential site configuration; or (for additions and renovations) conditions of structure and essential data prior to initiating designs. Identifies most economical and efficient procedures for design of base construction projects. Prepares documents and establishes schedules for advertising construction contracts. Prepares detailed fee estimates on architect/engineer contracts for design services and all pertinent correspondence, plans, reports, and contract criteria necessary for contract submission. Provides technical engineering advice to the operations section of civil engineering and other base functions responsible for resource protection, occupation health, communications, ground safety, and disaster preparedness. Maintains complete records of design and construction project status on data processing (PC) equipment. Monitors the accomplishment of the yearly Prime BEEF training plan, and with the readiness manager, develops a cohesive program to accomplish training with maximum participation.

**REMARKS:** This position is being advertised as an indefinite appointment and the individual selected may be released at any time.

Indefinite appointments may be made permanent at a later date without competition. Individual will be advised of his/her rights and benefits to which entitled.

The 2005 BRAC commission recommended to move the 192<sup>nd</sup> FW to Langley AFB, VA. Anticipated date of the realignment is within the next 2-3 years. It is undetermined at this time if this position will remain valid after the realignment.

**APPLICATION PROCEDURES:** INTERESTED APPLICANTS MAY APPLY BY SUBMITTING A RESUME, THE OPTIONAL APPLICATION FOR FEDERAL EMPLOYMENT (OF 612), OR THE SF 171, AND KSAs TO: THE ADJUTANT GENERAL OF VIRGINIA, VAHR-P, BUILDING 316, FORT PICKETT, BLACKSTONE, VA 23824-6316, TO ARRIVE IN THE HUMAN RESOURCE OFFICE BY THE CLOSING DATE SPECIFIED ON THE ANNOUNCEMENT. APPLICANTS MAY ALSO EMAIL APPLICATIONS TO [vanguardtechjobs@va.ngb.army.mil](mailto:vanguardtechjobs@va.ngb.army.mil) or fax to (434) 298-6381. APPLICATIONS RECEIVED AFTER THE CLOSING DATE WILL NOT BE CONSIDERED. THE FOLLOWING DOCUMENTS ARE NOT ACCEPTABLE AS ATTACHMENTS TO APPLICATIONS: PHOTOGRAPHS, COPIES OF POSITION DESCRIPTIONS, PERFORMANCE RATINGS (CIVILIAN OR MILITARY), AWARDS, OR LETTERS OF APPRECIATION.

CONSIDERATION FOR THIS POSITION WILL BE WITHOUT REGARD TO SEX, AGE, OR HANDICAP (EXCEPT WHERE REQUIRED BY MILITARY REGULATIONS), RACE, COLOR, NATIONAL ORIGIN, RELIGION, LAWFUL POLITICAL AFFILIATION, OR MEMBERSHIP/NONMEMBERSHIP IN AN EMPLOYEE ORGANIZATION...RELOCATION EXPENSES WILL NOT BE PAID...SELECTEE REQUIRED TO PARTICIPATE IN DIRECT DEPOSIT/ELECTRONIC FUND TRANSFER.

A complete listing of all current Virginia National Guard Technician Employment Opportunity Announcements is available at <http://www.varich.ang.af.mil/hro/jobs/jobs.htm>. Nationwide vacancy announcements are available at <http://www.neguard.com/jobss/Docs/statepoc.htm>.